

ABSTRACT OF THE DISCLOSURE

Mapping conversion to absorb differences of shapes
of color reproduction gamuts and also keep gradation is
provided. Namely, an image processing method by which
5 a color signal located within a first color
reproduction gamut represented by a first color system
is subjected to mapping conversion into a color signal
located within a second color reproduction gamut
represented by the first color system, wherein a locus
10 of a change of color in the first color reproduction
gamut is represented by a curve, mapping is performed
to the curve, and the mapping conversion is performed
on the basis of relation of the curves before and after
the mapping.

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